STATUS OF CURRENT INITATIVES

2005 TMO TACK-ON

25 APR 05

UNCLASSIFIED

Mr. Steve Thien
HQMC LPCD

Status of Current Initiatives

- LPCD Organizational Structure
  - Evolution of LPCD Functional Responsibilities
  - Points of Contact - Update TMO Roster
- Executable Tasks
- GCSS-MC
- SeaBasing Video
- Naval Logistics Integration
- Operational Analysis of MAGTF Distribution Center Concept

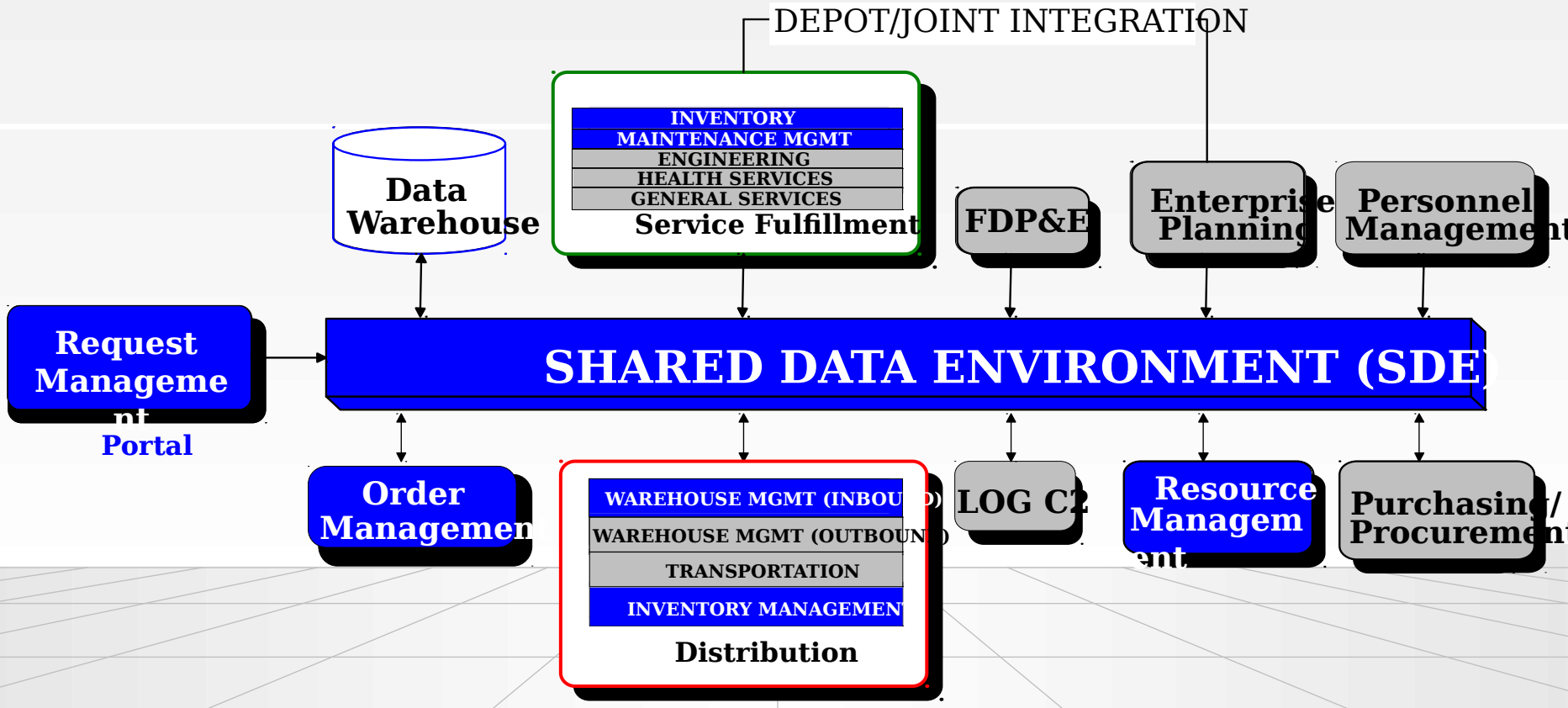
Executable Tasks

- Proposed:
  - Shipment Tracking/Tracing
  - Container Management
    - Leasing
    - Procurement
    - Inventory
  - Strike Coordinator (All Modes)
  - Astray Freight Assistance
  - Transportation Discrepancy Reporting Assistance
  - Customs Clearance Assistance

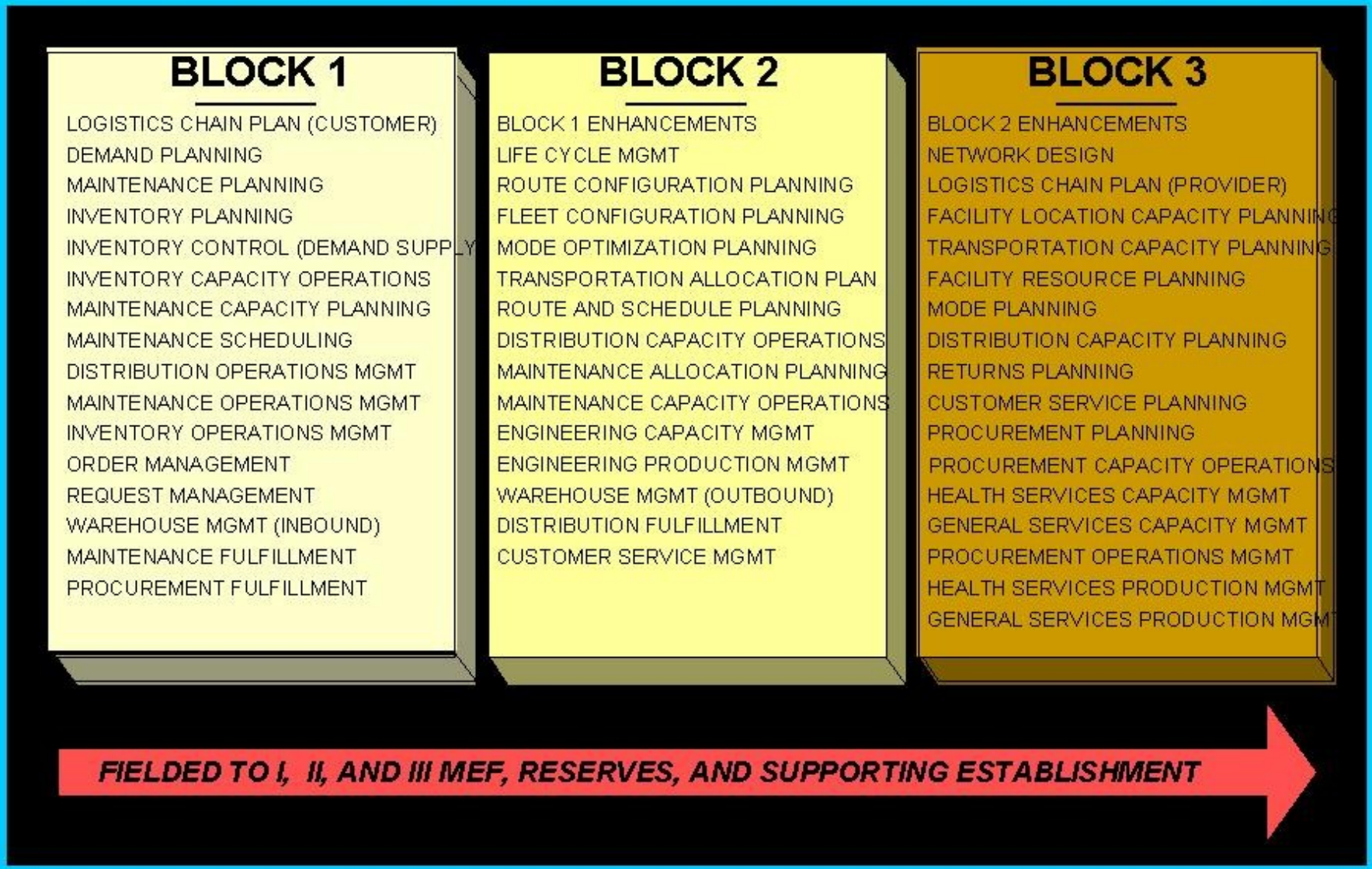
GCSS-MC

- Functional Scope
- Processes for each Block
- LCM Block 1 Capabilities
- Status of Integrator Selection
- High Level Implementation Schedule

GCSS-MC Scope - Functional



GLOBAL COMBAT SUPPORT SYSTEM MARINE CORPS LOGISTICS CHAIN MANAGEMENT



INTERNET INFRASTRUCTURE INTEGRATED DATABASE AUTOMATIC IDENTIFICATION TECHNOLOGY NCES INFORMATION ASSURANCE

LCM Block 1 Capabilities

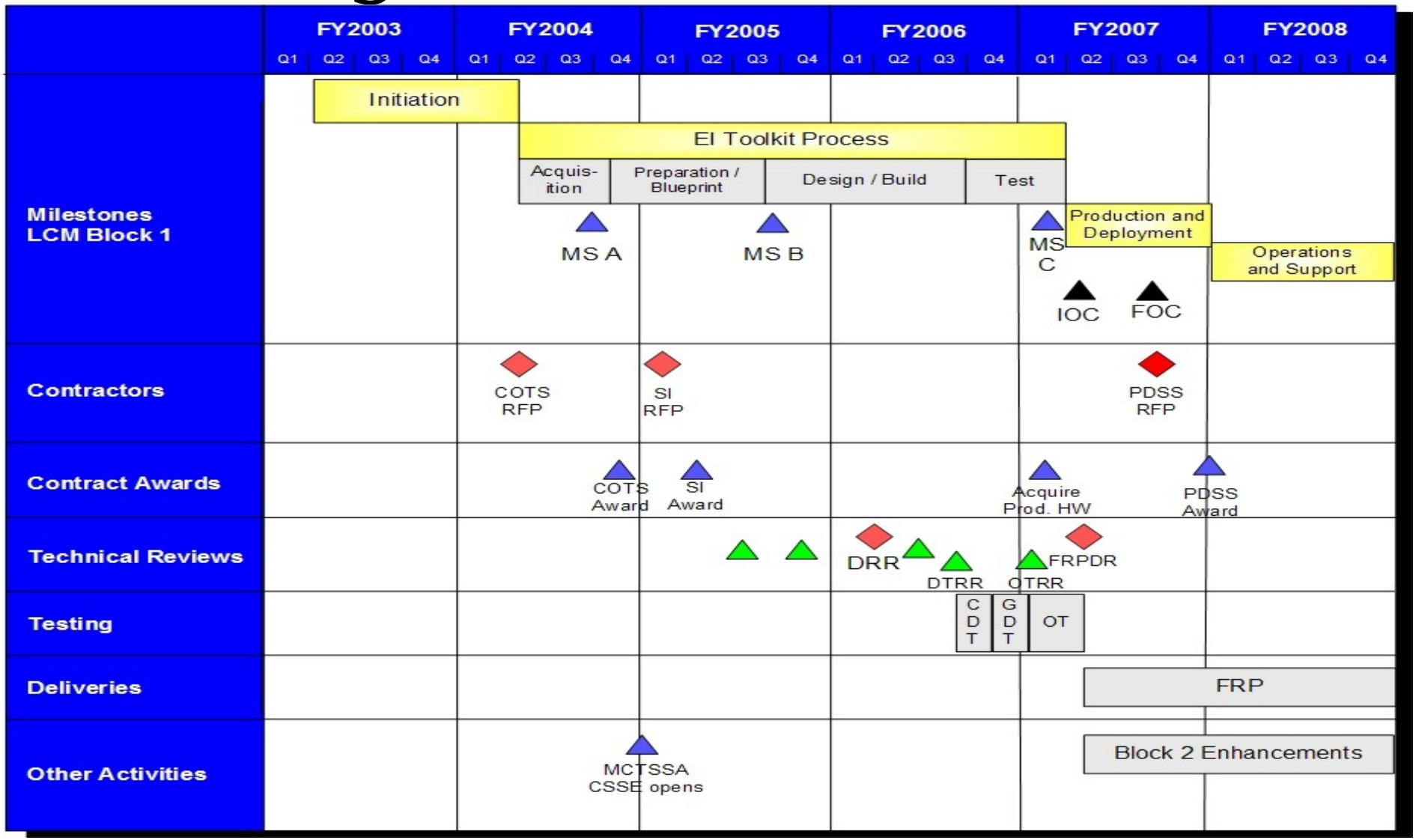
- Replacement Capability
  - MIMMS/ PC MIMMS
  - SASSY
  - ATLASS/ATLASS 2+
  - Rapid Request Tracking Systems
- New Capability
  - Portal (web-based with 'in theater' capability)
  - Single Log On
  - Deployed Capability
- Over 600 Specific Requirements

Status of Integrator Selection

- Focused the Competitive Field based on COTS Award
- Significant collaboration in building the final RFQ
- Final RFQ released
- Offeror Responses Received
- Decision involves Marine and Civilian SMEs at all levels
- SI Contract Award on track

Selection process accomplished using OSD approved vehicle – Enterprise Software Initiative (ESI)

GCSS-MC/LCM High-Level Schedule



SeaBasing

Video

Naval Logistics Integration (NLI)

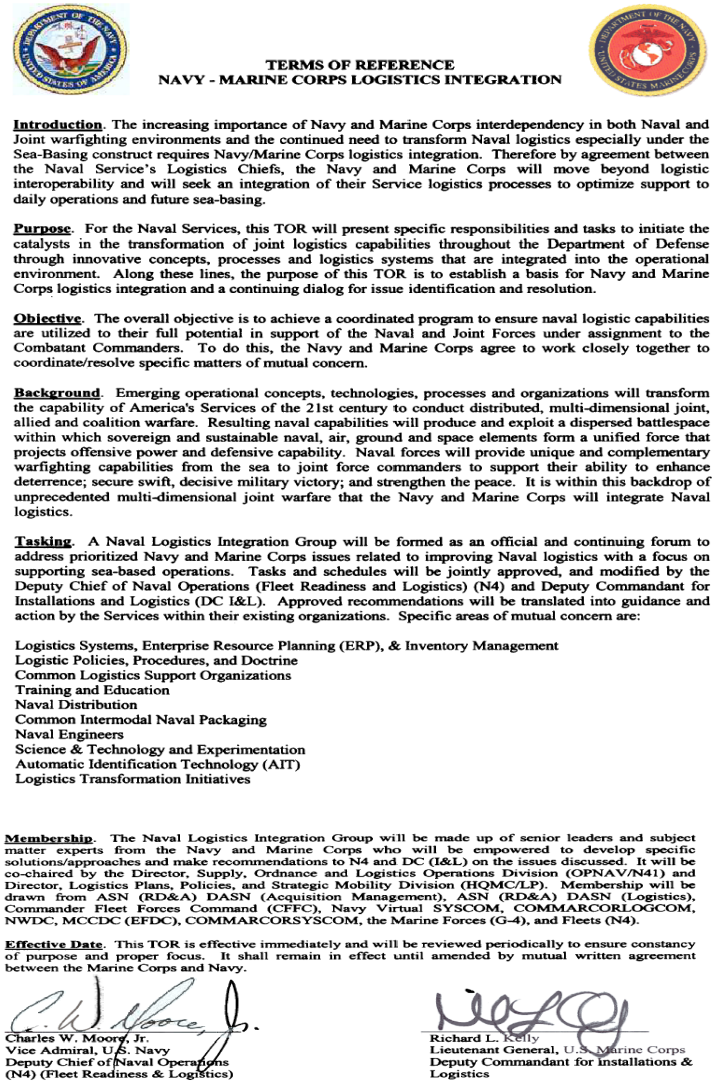
2005 SDDC Training Symposium

USMC TMO Tack-On

25 APR 05

Steve Thien
HQMC LPCD

Terms of Reference



TERMS OF REFERENCE
NAVY - MARINE CORPS LOGISTICS INTEGRATION

Introduction. The increasing importance of Navy and Marine Corps interdependency in both Naval and Joint warfighting environments and the continued need to transform Naval logistics especially under the Sea-Basing construct requires Navy/Marine Corps logistics integration. Therefore by agreement between the Naval Service's Logistics Chiefs, the Navy and Marine Corps will move beyond logistic interoperability and will seek an integration of their Service logistics processes to optimize support to daily operations and future sea-basing.

Purpose. For the Naval Services, this TOR will present specific responsibilities and tasks to initiate the catalysts in the transformation of joint logistics capabilities throughout the Department of Defense through innovative concepts, processes and logistics systems that are integrated into the operational environment. Along these lines, the purpose of this TOR is to establish a basis for Navy and Marine Corps logistics integration and a continuing dialog for issue identification and resolution.

Objective. The overall objective is to achieve a coordinated program to ensure naval logistic capabilities are utilized to their full potential in support of the Naval and Joint Forces under assignment to the Combatant Commanders. To do this, the Navy and Marine Corps agree to work closely together to coordinate/resolve specific matters of mutual concern.

Background. Emerging operational concepts, technologies, processes and organizations will transform the capability of America's Services of the 21st century to conduct distributed, multi-dimensional joint, allied and coalition warfare. Resulting naval capabilities will produce and exploit a dispersed battlespace within which sovereign and sustainable naval, air, ground and space elements form a unified force that projects offensive power and defensive capability. Naval forces will provide unique and complementary warfighting capabilities from the sea to joint force commanders to support their ability to enhance deterrence; secure swift, decisive military victory; and strengthen the peace. It is within this backdrop of unprecedented multi-dimensional joint warfare that the Navy and Marine Corps will integrate Naval logistics.

Tasking. A Naval Logistics Integration Group will be formed as an official and continuing forum to address prioritized Navy and Marine Corps issues related to improving Naval logistics with a focus on supporting sea-based operations. Tasks and schedules will be jointly approved, and modified by the Deputy Chief of Naval Operations (Fleet Readiness and Logistics) (N4) and Deputy Commandant for Installations and Logistics (DC I&L). Approved recommendations will be translated into guidance and action by the Services within their existing organizations. Specific areas of mutual concern are:

Logistics Systems, Enterprise Resource Planning (ERP), & Inventory Management
Logistic Policies, Procedures, and Doctrine
Common Logistics Support Organizations
Training and Education
Naval Distribution
Common Intermodal Naval Packaging
Naval Engineers
Science & Technology and Experimentation
Automatic Identification Technology (AIT)
Logistics Transformation Initiatives

Membership. The Naval Logistics Integration Group will be made up of senior leaders and subject matter experts from the Navy and Marine Corps who will be empowered to develop specific solutions/approaches and make recommendations to N4 and DC (I&L) on the issues discussed. It will be co-chaired by the Director, Supply, Ordnance and Logistics Operations Division (OPNAV/N41) and Director, Logistics Plans, Policies, and Strategic Mobility Division (HQMC/LP). Membership will be drawn from ASN (RD&A) DASN (Acquisition Management), ASN (RD&A) DASN (Logistics), Commander Fleet Forces Command (CFFC), Navy Virtual SYSCOM, COMMARCORLOGCOM, NWDC, MCCDC (EFDC), COMMARCORSYSCOM, the Marine Forces (G-4), and Fleets (N4).

Effective Date. This TOR is effective immediately and will be reviewed periodically to ensure constancy of purpose and proper focus. It shall remain in effect until amended by mutual written agreement between the Marine Corps and Navy.

Charles W. Moore, Jr.
Vice Admiral, U.S. Navy
Deputy Chief of Naval Operations
(N4) (Fleet Readiness & Logistics)

Richard L. Kelly
Lieutenant General, U.S. Marine Corps
Deputy Commandant for Installations & Logistics

Guidance

*"Develop a plan to **integrate USN-USMC logistics**, command and control, and intelligence organizations."*

Actions

TOR signed in July 03

- Established a basis for Navy and Marine Corps Logistics Integration.
- Formed a NLI working group - Co-chaired by RDML Thompson (OPNAV N41) and BGEN Usher (HQMC/LP)

NLI Organization

Executive Group (Flag/SES)

- OPNAV N41
- HQMC/LP
- NAVSUP
- COMARLOGCOM
- COMARCORSYSCOM
- CFFC N41
- DASN Logistics (as required)
- DLA J4

Senior Board (O-6)

- OPNAV N412
- HQMC/LPV/LF
- NAVSUP 42
- MARCORLOGCOM
- MARCORSYSCOM
- CFFC N413
- MARFORLANT/G-4
- MARFORPAC/G-4
- NOLSC XO
- HQMC/ASL
- CNI N00B
- Deputy DASN Logistics
- DLA NAVY NAM

NLI Focus

- **Near Term Focus**
  - Maximize operational support
  - Identify savings
- **Mid and Long Term Focus**
  - Integrate all logistics functions
  - Develop Sea Based logistics capability

NLI Process

- **Blue/Green champion responsibilities:**
  - Vet issues across services and NLI senior board
  - Develop integration plan and NLI briefs.
  - Work approved course of action
- **Executive Group:**
  - Issues will be presented to NLI executive group for approval
    - Issues may require flag level guidance & mid course corrections
    - Briefed by the champions.
  - Quarterly meetings
    - Review status of initiatives pilots
    - Work on new initiatives & set priorities
  - Approved issues and implementation plans forwarded to OPNAV N4 and DC, I&L for formal acceptance.

Strategic Plan Development

Senior Member Board reviewed and agreed to the followi

Goal 1: Provide integrated responsive streamlined logistics support
allows for sustainment to both afloat and ashore Naval forces

Goal 2: Improve and integrate Naval forces business processes and
systems to gain both increased efficiencies and economies of
while maximizing warfighter support.

Goal 3: Shape and train the Naval logistics workforce and organizat
to enable Naval expeditionary warfare.

Goal 4: Champion NLI initiatives throughout the budget cycle in sup
Naval forces.

NLI Areas of Mutual Concern

- **Logistics Systems, Enterprise Resource Planning (ERP), & Inventory Management**
- **Logistic Policies, Procedures, and Doctrine**
- **Common Logistics Support Organizations/Installations**
- **Training and Education**
- **Naval Distribution**
- **Common Intermodal Naval Packaging**
- **Naval Engineers**
- **Science & Technology (S&T) and Experimentation**
- **Automatic Identification Technology (AIT)**
- **Logistics Transformation Initiatives**

NLI Initiatives

Seven Initial Initiatives

- Afloat MEU support
- Ordnance Inventory Management
- Common Expediting cells
- Operational Logistics Support Agencies
- Automatic Identification Technology (AIT)
- USMC Advanced Traceability and Control (ATAC) policies
- Construction Material Support

Seven New Initiatives

- Joint Environment Material Management System (JEMMS)
- Sense & Respond Logistics
- Common Naval Packaging
- Education and Training
- Point of Entry Review
- Class V(A) Logistics Ashore
- Joint Expeditionary Warfare Logistic System (JEWLS)

NLI Initiative Status

Initiative	Description	Status
Afloat MEU Support	Integrate Afloat MEU support into current USN afloat supply system	•Operational (limited) given current ops •No formalized SOP •Manual process •CLF load list being modified
Common Expediting	Integrate expediting cells into one combined Navy/USMC cell	•Aug 04; Reqn submitted-1549, ACWT-13 days (USMC Approx. 30 days) •22 MEU lessons Learned (Sep 04)
Operational Log Support USMC N4	Evaluate operational logistics support agencies and develop solutions to improve USMC ground support	•Complete-Recommend 02/03 USMC Officer (N3-Plans/Support Department) •MARLOGCOM brief findings to Exec Group •Develop Conops & POAM for 1 yr CY05 Pilot
ATAC	RFI & NRFI movement of ground USMC material	•System programming completes Sep 04 •Implementation required for remaining sites •Formalizing SOP
Class IV Material Support	Optimize and streamline deployed support for the attainment of Class IV material	•$7M ordered w/ACWT 12 days (35 Projects) •USMC PBA – ECD Oct 04

NLI Initiative Status

Initiative	Description	Status
JEMMS (Hazmat)	Single Solution for HM/HW management	•Okinawa (Aug 03) & Guam (Oct 04) •Completed BCA for Cherry Point/Camp Lejeune •Site survey & develop BCA for Pendleton (Jan 05)
Sense & Respond	Work with OFT to expedite the development of a Navy/Marine Corps approach to Sense & Respond Logistics	HQMC/LPV reviewing experiment
Common Naval Packaging	Explore the need for a common Naval packaging solution across the Sea Base	•Steering group formed w/ Champions & USMC & Navy SMEs •OPLOG funding SAIC to analyze current packaging policy & regulations.
Education & Training	Analyze cross-functional education efforts	•Reviewed all Blue/Green courses & pared down list for cross utilization •Briefing ALOC course (Oct 04)
Point of Entry	FISC Yokosuka provide POE support to 3rd FSSG/Deployed POE Strategy	•Completed May 04; Reqns –9K, NET-66%;ACWT-14 days • On going … Reqns – 25K, NET 71% •Conus implementation on hold

NLI Initiative Status

Initiative	Description	Status
Navy – Marine Corps AIT	Integrated AIT policy and implementation in a standard approach to maximize productivity and minimize logistics costs across DoN.	Integration team meeting regularly, addressing NLI issues (RFID, UID, DON AIT Office, and SECNAVINST)
Class V(A) Logistics Ashore	Defines support responsibilities for Naval Expeditionary Class V(A) logistics ashore	•Steering group formed w/ Champions & USMC/Navy SMEs
JEWLS/CLC2S	Develop “last-mile” hand-held capability to request supplies and services	•Working with ONR to secure funding for add’l training and rollout •Deployment Plan for Seabees (Sep 04)

NLI Areas of Mutual Concern with Logistic Modernization Focus

	ICM	PCM	DCM	MCM
• Logistics Systems, Enterprise Resource Planning (ERP), & Inventory Management	X	X	X	X
• Logistic Policies, Procedures, and Doctrine	X	X	X	X
• Common Logistics Support Organizations/Installations	X	X	X	X
• Training and Education	X	X	X	X
• Naval Distribution				
•JMIC	X	X	X	
• Common Intermodal Naval Packaging	X	X	X	
• Naval Engineers				X
• Science & Technology and Experimentation				
• Sense and Respond	X	X		X
• Automatic Logistics	X			X
• Automatic Identification Technology (AIT)				
• RFID	X	X	X	X
• Contact Memory Buttons	X			X
• Military Shipping labels	X	X	X	
• UID	X		X	X

NLI and Logistics Mod Interface (proposed)

Requisitioning/Procurement Capacity mgmt
Afloat MEU Support
Point of Entry
Joint Warfare Expeditionary Logistics System (JWELS)
CLC2S *(pending)*
Strategic Purchasing/USN Supply Chain procurement *(pending)*

Distribution Capacity mgmt
Advance Traceability & Control (ATAC)
Common Naval Packaging
Common Expediting Cells
Operational Logistics Support Agencies

Inventory Capacity mgmt
Construction Material Support (Class 4)
Ordnance Inventory Management
Class V(A) Ashore
Joint Environment Materiel Mgmt System (JEMMS)

Other
Data interface
Education & Training (*ESPC-EWTG interface)*
Sense & Respond Logistics (S&RL)
Automatic Identification Technology (AIT)

Operational Analysis of the MAGTF Distribution Center Concept

2005 TMO TACK-ON

25 APR 05

Steve Thien
HQMC LPCD


SUPPLY
2001 08 14

Agenda

- Introductions
- Study Objective
- Background
- Deliverables
- Methodology
- Progress to Date
- Study Assumptions
- Metrics
- Course of Analysis (COA) Development and Analysis
- Blueprint
- Next Steps
- Questions and Discussion

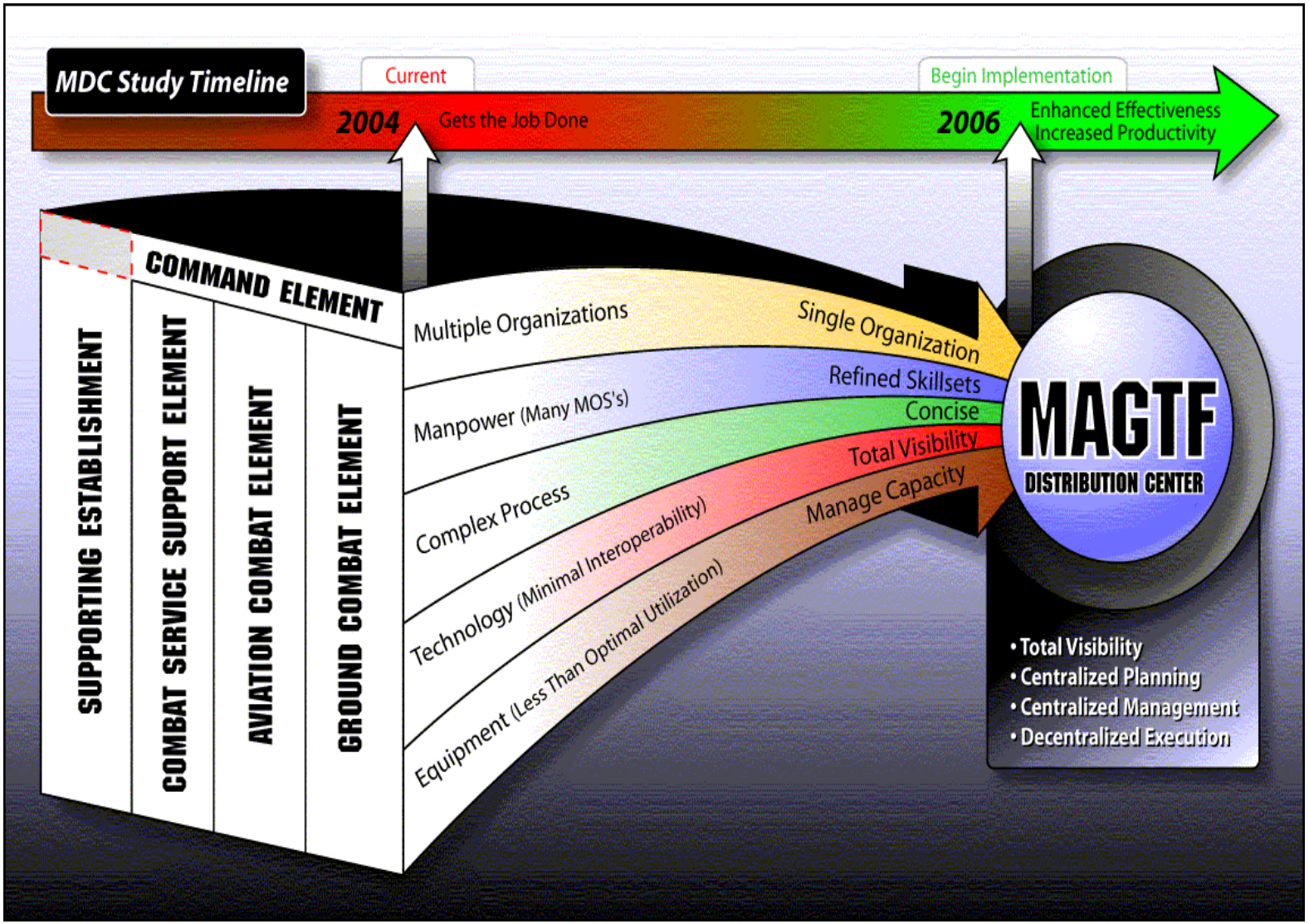
Study Composition

- **Sponsor**
  - Headquarters, Marine Corps, Installation & Logistics (HQMC I&L)
- **Project Officer**
  - Steve Thien (HQMC LPCD)
- **Marine Corps Studies System Representatives**
  - Marine Corps Combat Development Command, Studies and Analysis (MCCDC S&A)
  - Carol Lager, COR
  - Launa Jennings, TSPO
  - Dr. Michael Bailey, ATSPO
- **Study Advisory Council**
  - United States Navy (USN) and USMC representatives
  - Members from the Operating Forces and Marine Corps Bases
- **Study Team**
  - Led by Concurrent Technologies Corporation (*CTC*)

Study Objectives

- Focus on improvement of MAGTF distribution
  - Organizations, processes, IT, skill sets, and equipment capabilities and enablers
- Recommend distribution network planning processes and enablers
- Provide a descriptive distribution network blueprint

MAGTF Distribution of the Future



Study Team Members

CTC Concurrent Technologies Corporation

GENCO

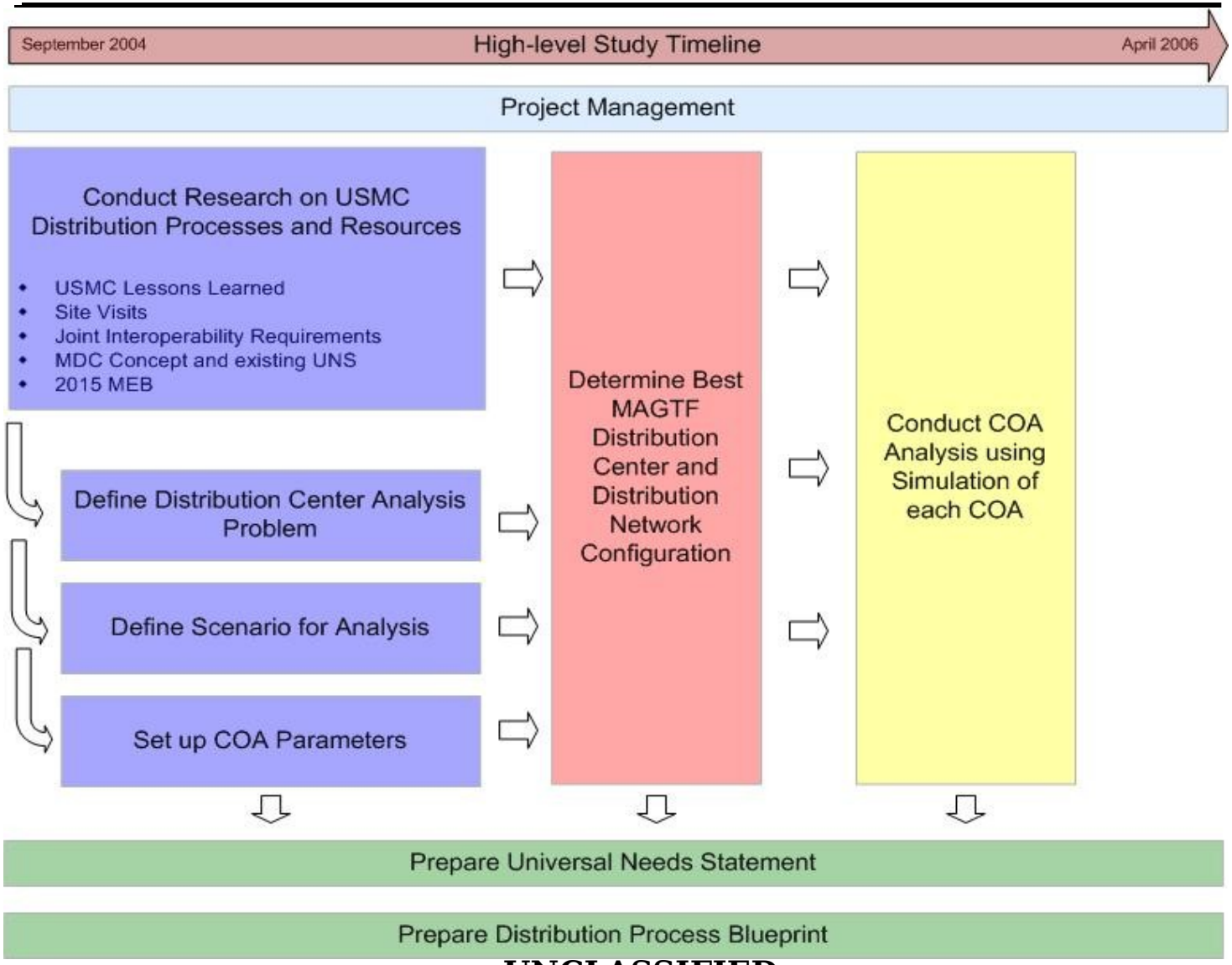
NORTHROP GRUMMAN Information Technology

MANHATTAN ASSOCIATES.

MDC Study Deliverables

- Umbrella Universal Needs Statement (UNS)
  - UNS encompassing all MAGTF distribution-related UNS
- MAGTF Distribution Network Blueprint
  - Detailed description of the organizations and the associated processes, skill sets, equipment, and technology enablers required to operate the MDC
- Implementation Plan
  - Standard Operating Procedure (SOP) describing how to implement the MDC

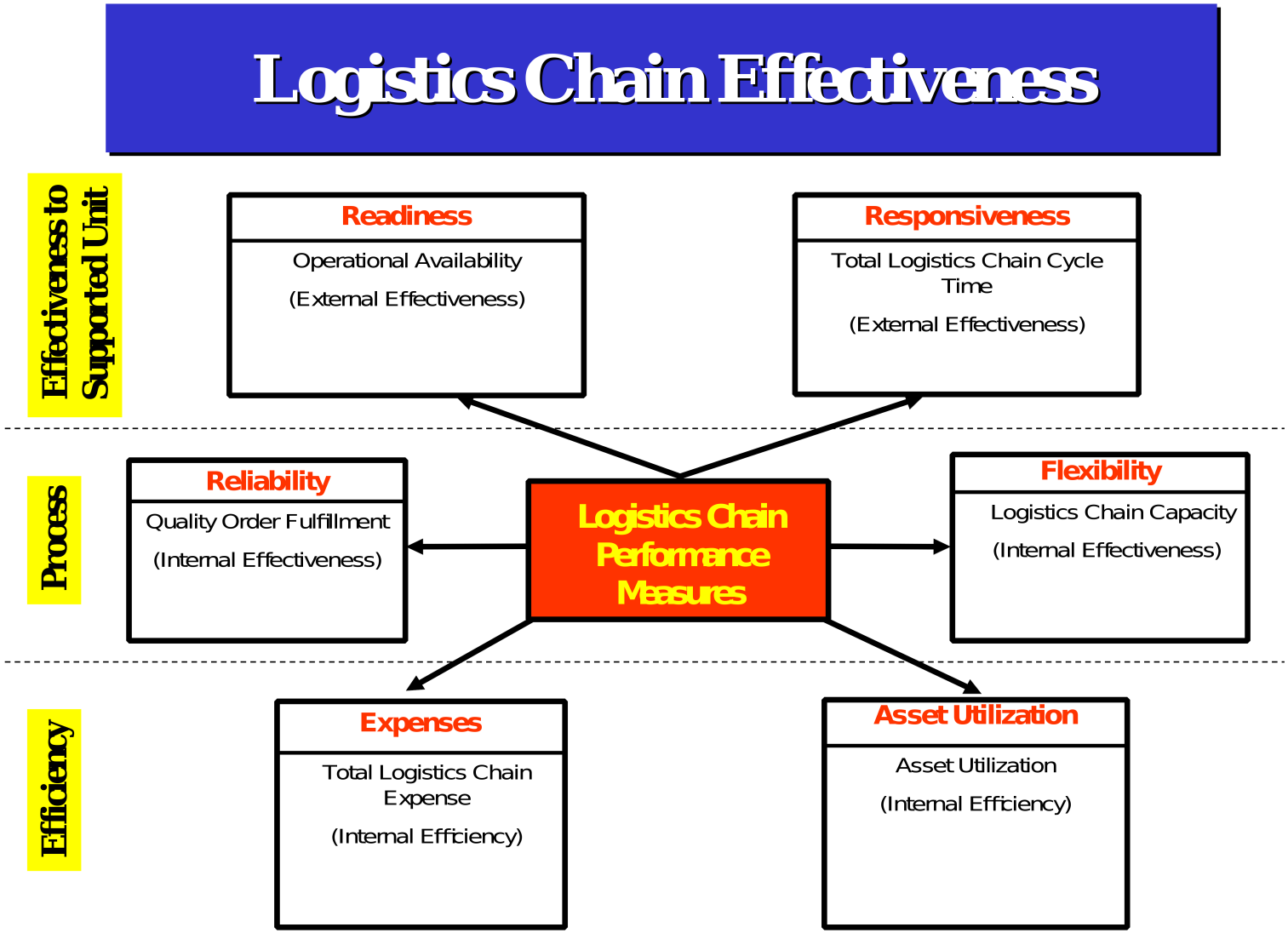
Progress to Date



Study Assumptions Review

- Guiding Assumptions
- Modeling Assumptions
- Validation

Metrics


Logistics Chain Effectiveness
Effectiveness to Supported Unit
Process
Efficiency
Readiness
Operational Availability
(External Effectiveness)
Responsiveness
Total Logistics Chain Cycle Time
(External Effectiveness)
Reliability
Quality Order Fulfillment
(Internal Effectiveness)
Logistics Chain Performance Measures
Flexibility
Logistics Chain Capacity
(Internal Effectiveness)
Expenses
Total Logistics Chain Expense
(Internal Efficiency)
Asset Utilization
Asset Utilization
(Internal Efficiency)

Effectiveness to Supported Unit Metrics

- Readiness: Operational Availability
  - Uptime - Mean Time Between Failures (MTBF)
  - Downtime - Mean Time to Repair (MTTR)
  - Mean Supply Response Time (MSRT) (Recommend - Material Requisition Cycle Time)
  - Equipment Available On Time

- Responsiveness: Total Supply Chain Cycle Time
  - Request Cycle Time (Recommend - Published Delivery Cycle Time)
  - Order Fulfillment Cycle Time (CWT)
  - Total Source Cycle Time
  - Product Development Cycle Time (Recommend - Product Material Cycle Time)
  - Reverse Logistics Cycle Time
  - Customer Service Recovery Cycle Time
  - Make Cycle Time (Recommend Supplier Cycle Time)
  - Plan Cycle Time

Process Metrics

- Reliability: Quality Order Fulfillment
  - Orders delivered complete
  - Orders delivered to agreed upon date range (TDD)
  - Orders with complete and accurate documentation
  - Orders in perfect condition
  - Orders delivered to the right place
  - Total Loss
  - Forecasting Accuracy
- Flexibility: Supply Chain Capacity
  - Fulfillment Capacity
  - Source Capacity

Efficiency Metrics

- Expenses: Total Supply Chain Expense
  - Total USMC Logistics Budget
  - Total USMC Logistics Expenses
  - Cost of Excess Capacity

- Assets: Asset Utilization
  - Total Asset Utilization
  - Inventory Turns
  - Accounts Receivable Turnover
  - Cash Turnover (Recommend Cash to Cash Cycle time)
  - Product Shortage versus Demand

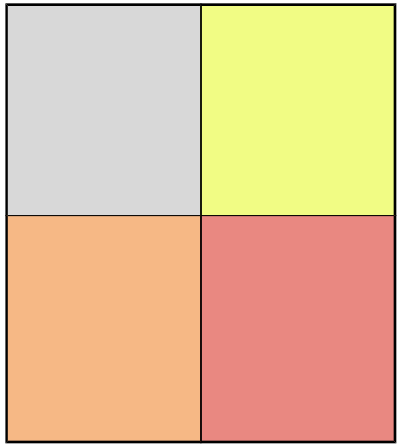
COA Development and Analysis

- Government feedback required for COA development and analysis
  - Validated
    - Objectives
    - Assumptions
    - Decision variables
    - Metrics
- COA Analysis
  - Measures of Effectiveness
  - Model Validation

MDC Distribution Network Blueprint

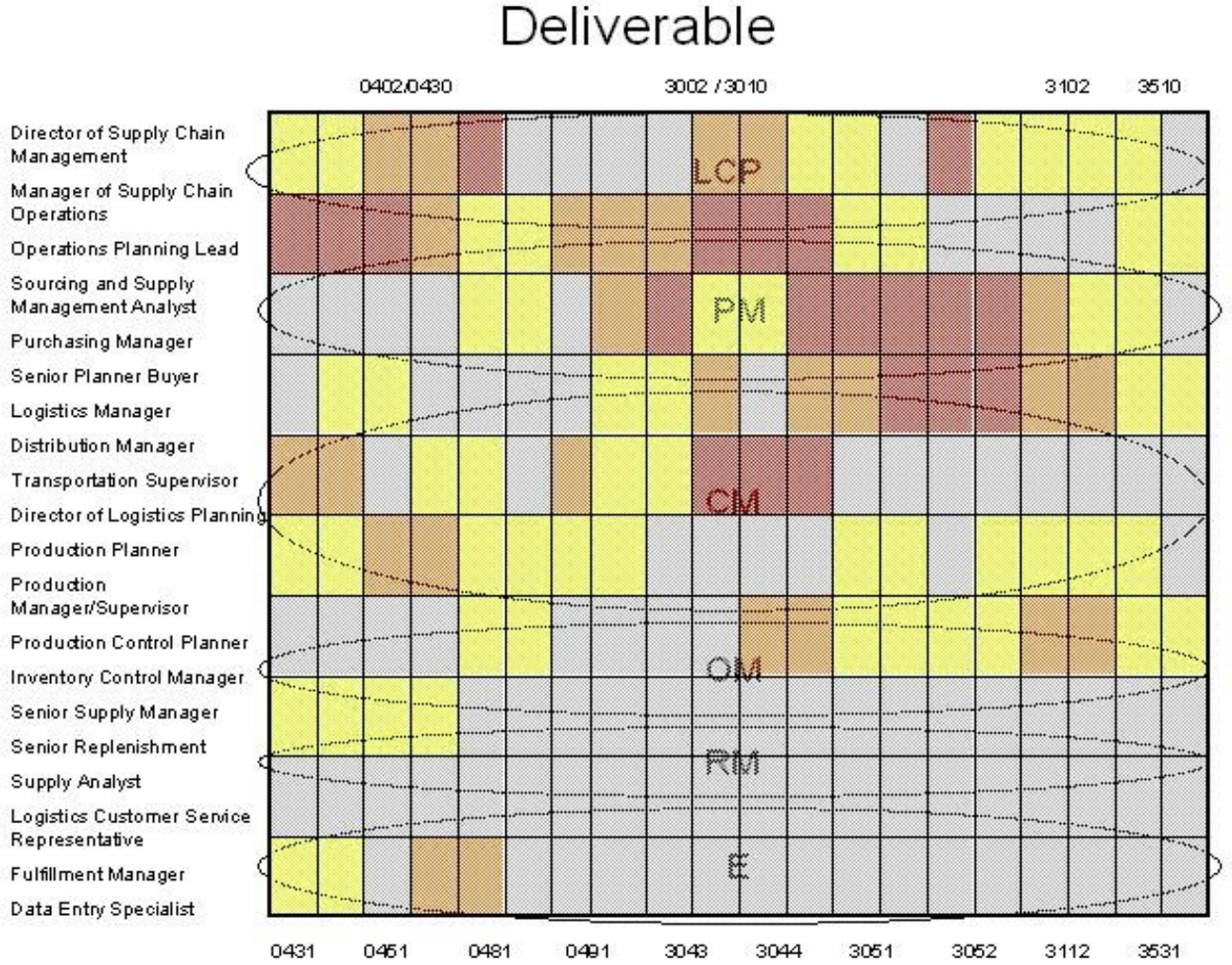
- Swim Lanes:
  - Organizations
  - Processes
  - Skill Set Capabilities
  - Equipment Capabilities
  - Information Technology Capabilities

Blue Print Indicators

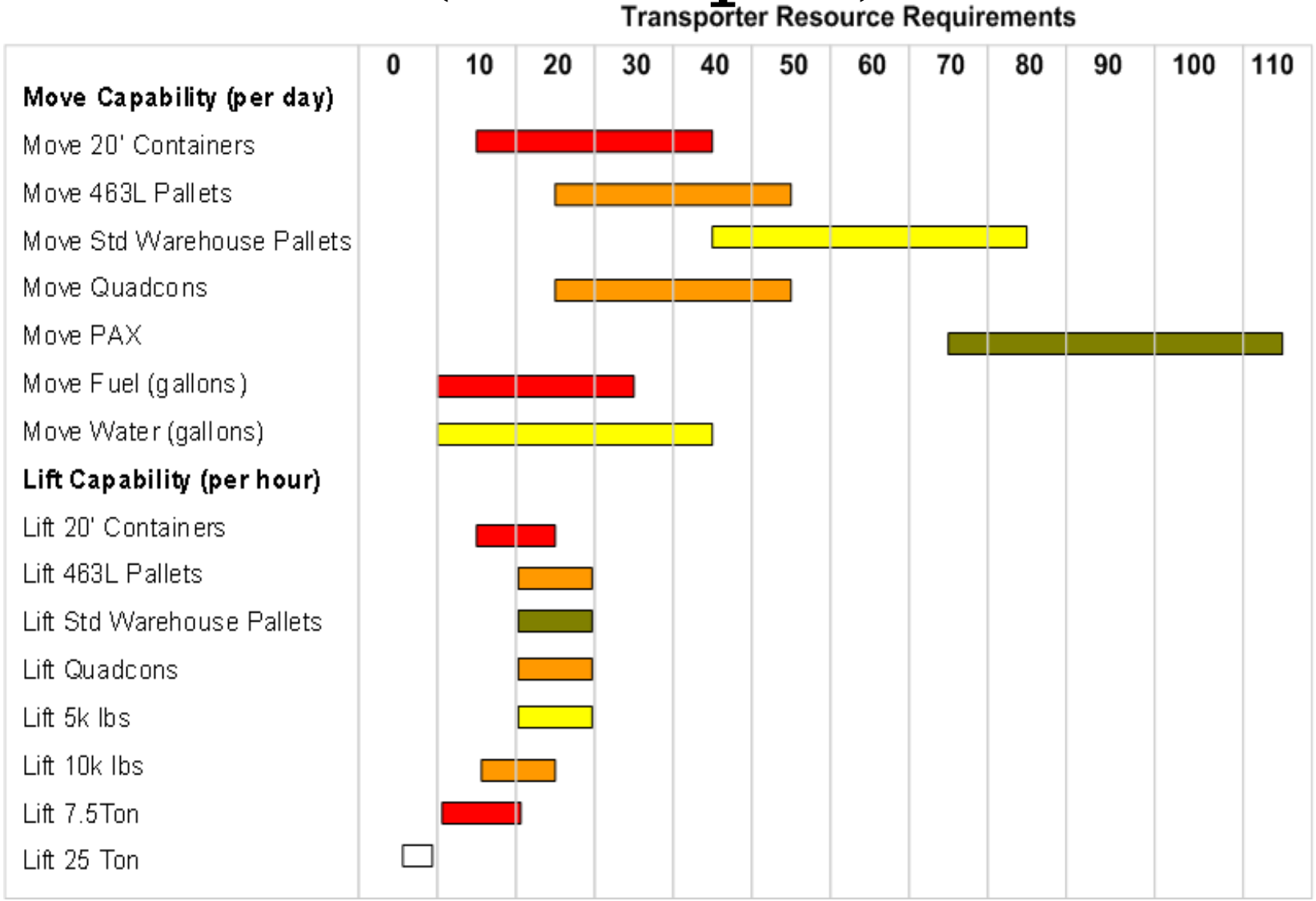


- Red: USMC needs a capability; it does not exist within the USMC, DoD, or commercial industry.
- Orange: USMC needs a capability; it does not exist within USMC. Capability exists within the DoD or commercial industry.
- Yellow: Capability exists within the USMC; it is not being properly utilized within the correct organizations.
- Green (gray): Capability exists within the USMC; it is being utilized properly within the correct organizations.

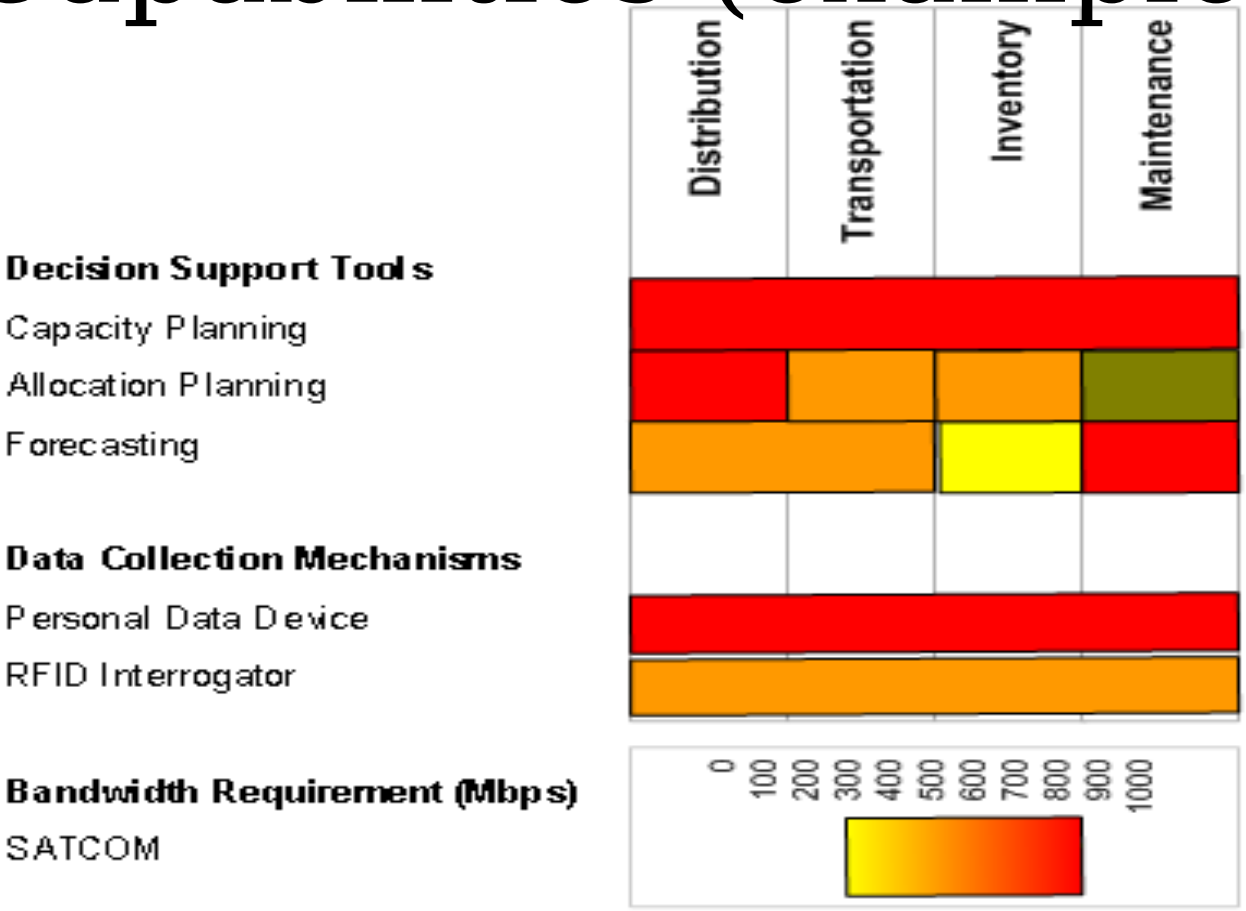
Skill Set Capabilities (example)



Equipment Capabilities (example)



Information Technology Capabilities (example)



Next Steps

- Obtain study scenario
- Defining the COA parameters
- Identify baseline metrics
- Refine the implementation blueprint
- Define skill sets, comparing them to existing MOSs and Log OA, and completing a matrix for each organization
- Expound on the definitions for the processes required to support the process swim lane of the blueprint
- Meet with aviation SMEs

Questions